

3/8 Fig. 3 50-RECEIVE REQUESTS FROM UNMATCHED VOQ'S **UNMATCHED OUTPUT PORTS SELECT** 52-REQUESTING VOQ WITH HIGHEST PRIORITY IF TWO OR MORE VOQ'S HAVE HIGHEST PRIORITY, 54 SELECT HIGHEST PRIORITY VOQ WITH HIGHEST WEIGHT IF TWO OR MORE VOQ'S HAVE SAME HIGHEST PRIORITY AND SAME WEIGHT, SELECT THE HIGHEST PRIORITY/WEIGHT VOQ 56-THAT APPEARS NEXT IN FIXED ROUND-ROBIN SCHEDULER SEND GRANTS TO SELECTED VOQ'S 58 IF ROUND-ROBIN USED, INCREMENT TO ONE LOCATION BEYOND GRANTED HIGHEST WEIGHT/ PRIORITY 60 **ELEMENT IF GRANT ACCEPTED IN FIRST ITERATION**

Fig. 4

62 MONITOR FOR GRANTS FROM OUTPUT PORT ARBITERS

64 IF MORE THAN ONE GRANT, ACCEPT THE GRANT FOR THE VOQ WITH THE HIGHEST PRIORITY

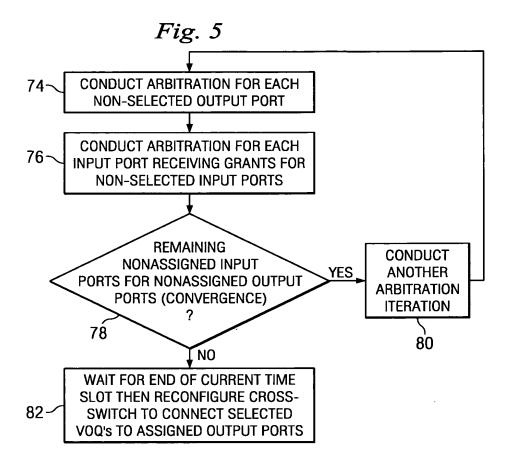
66 IF TWO OR MORE VOQ'S IN SAME INPUT PORT HAVE SAME HIGHEST PRIORITY, SELECT VOQ WITH LARGEST WEIGHT

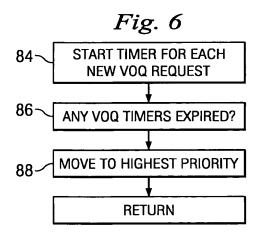
68 IF TWO OR MORE VOQ'S IN SAME INPUT PORT HAVE SAME HIGHEST PRIORITY AND WEIGHT, SELECT VOQ THAT APPEARS NEXT IN FIXED ROUND-ROBIN SCHEDULER

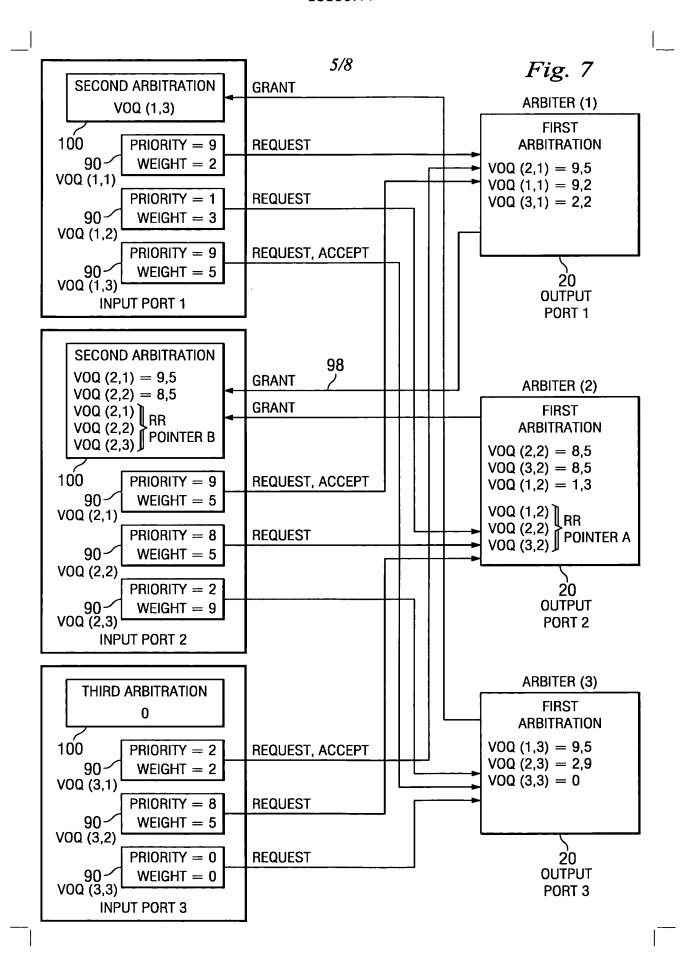
70 SEND ACCEPT TO OUTPUT PORT FOR SELECTED VOQ

IF ROUND-ROBIN USED, INCREMENT ONE LOCATION GRANTED HIGHEST WEIGHT/ PRIORITY VOQ

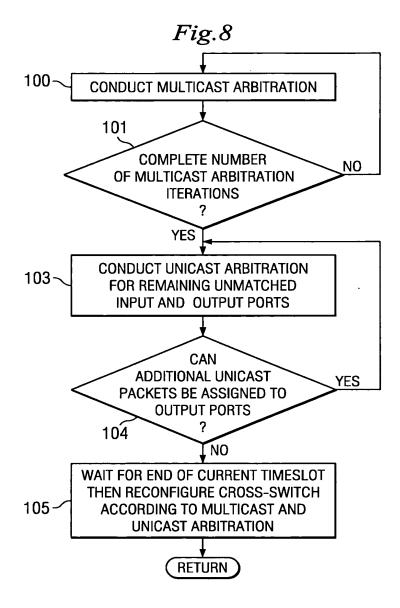
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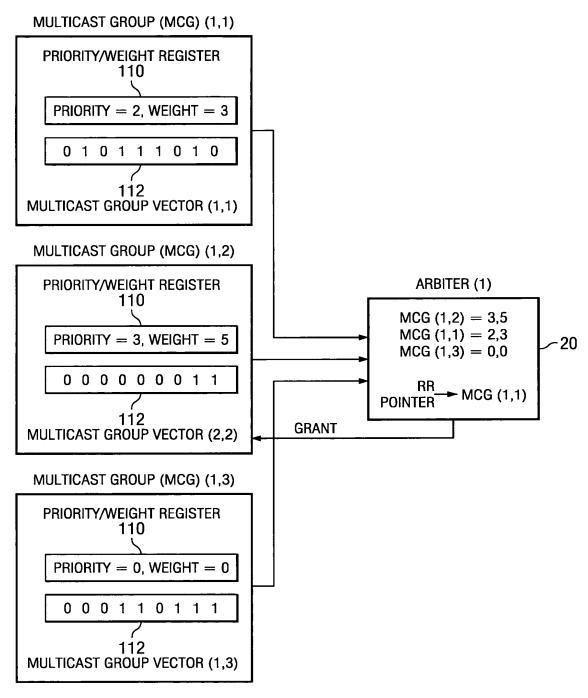


Fig. 9

